

# Memo

**To:** Board of Managers  
**From:** Michael Younes, Director of Municipal Operations *My*  
**CC:** Shana Davis-Cook, Village Manager  
John M. Fitzgerald, Chief of Police  
**Date:** 3/14/2013  
**Re:** Update to Board of Managers on LED Streetlights

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This memo is provided to update the Board on the status of the Village's streetlight upgrade project, PEPCO's selection of LED streetlights and proposed sites for installing sample LED streetlights for evaluation within the Village.

## **Background**

Following the staff's report regarding improving street lighting in the Village and PEPCO's approval of LED streetlights at the Board's December regular meeting, the Board agreed to temporarily suspend additional streetlight improvements until LED streetlights are available from PEPCO in summer 2013.

## **Proposed Streets for LED sample lights**

I would propose the following streets be selected to install PEPCO's LED streetlights for evaluation by the Village:

- Full length of East Lenox Street – Roadway is hilly and represents the average right-of-way width in the Village.

*I would recommend the cobra-head LED fixture be used. A total of six (6) streetlights would be installed along the street.*

- Grafton Street (between Cedar Parkway and Kirkside Drive) – Roadway is the average width in the Village and has sidewalks and mature tree canopy on both sides of the street. The roadway also changes elevation.

*I would recommend the teardrop LED fixture be used. A total of nine (9) streetlights would be installed along the street.*

- Full length of West Kirke Street – Very wide right-of-way between Connecticut Avenue and Magnolia Parkway and normal right-of-way width in block between Cedar and Magnolia Parkways.

*I would recommend the cobra-head LED fixture be used in the block between Cedar and Magnolia Parkways and the teardrop fixture be used between Magnolia Parkway and Connecticut Avenue. A total of nine (9) streetlights would be installed along the street.*

### **PEPCO LED Streetlights Status Update**

PEPCO has received all of their requested materials from LED streetlight manufactures and is currently evaluating the information. PEPCO is still on pace to select the manufactures and exact products it will offer by April. Once that is completed, PEPCO engineers will develop the required engineering/design standards for implementing the new lights in its system. The engineering/design phase is scheduled to be completed by mid-May, at which time firmer pricing will be available and orders will be accepted for the new streetlights.

As I mentioned in my December memo, because the technology is new to PEPCO and it is unknown how many of its streetlight users will opt to convert to LEDs, PEPCO will not stock the LED lights in its inventory early on. Any jurisdictions wishing to convert to LEDs would do so on a made-to-order basis. Current estimated lead times for delivery are between 4 – 6 weeks. This would put installation in the late June or July timeframe.

### **Board Action**

This memorandum has been provided as a status update. At this time I request Board approval of the recommended sample locations.